Xiaoyong Zhang

List of Publications by Year in Descending Order

410 papers	22,868 citations	81 h-index	136 g-index
419 ext. papers	24,736 ext. citations	6.7 avg, IF	7.11 L-index

#	Paper	IF	Citations
410	Rapid synthesis of amphiphilic europium complexes via ultrasonic treatment-assisted crosslinking reaction. *Dyes and Pigments*, **2022**, 197, 109950	4.6	0
409	Surface modification of MCM-41 by chain transfer free radical polymerization and their utilization for intracellular pH-responsive delivery of curcumin. *Journal of Molecular Liquids*, **2022**, 346, 118307	6	0
408	Miscible organic liquid separation of superwetting membrane driven by synergistic polar/nonpolar interactions. *Matter*, **2022**, 5, 1251-1262	12.7	2
407	Fabrication of chitosan based luminescent nanoprobe with aggregation-induced emission feature through ultrasonic treatment. *Carbohydrate Polymers*, **2022**, 119487	10.3	0
406	Facile synthesis of ionic liquid modified silica nanoparticles for fast removal of anionic organic dyes with extremely high adsorption capacity. *Journal of Molecular Liquids*, **2021**, 117966	6	0
405	Synthesis of water dispersible and biocompatible nanodiamond composite via photocatalytic surface grafting of zwitterionic polymers for intracellular delivery of DOX. *Materials Today Communications*, **2021**, 103010	2.5	2
404	Ratiometric fluorescent detection of hypochlorite in aqueous solution and living cells using an ionic probe with aggregation-induced emission feature. *Sensors and Actuators B: Chemical*, **2021**, 330, 129324	8.5	7
403	Aggregation-Induced Emission Molecule Microwire-Based Specific Organic Vapor Detector through Structural Modification. *ACS Applied Materials & Interfaces*, **2021**, 13, 12501-12508	9.5	3
402	Intrinsic hydroquinone-functionalized aggregation-induced emission core shows redox and pH sensitivity. *Communications Chemistry*, **2021**, 4,	6.3	2
401	Synthesis and intracellular drug delivery applications of hyperbranched polymers functionalized Ecyclodextrin. *Colloids and Interface Science Communications*, **2021**, 42, 100425	5.4	4
400	Revealing the Distribution of Aggregation-Induced Emission Nanoparticles via Dual-Modality Imaging with Fluorescence and Mass Spectrometry. *Research*, **2021**, 2021, 9784053	7.8	1
399	Decoupling hydrogen production from water oxidation by integrating a triphase interfacial bioelectrochemical cascade reaction. *Science Bulletin*, **2021**, 66, 164-169	10.6	4
398	Fabrication of claviform fluorescent polymeric nanomaterials containing disulfide bond through an efficient and facile four-component Ugi reaction. *Materials Science and Engineering C*, **2021**, 118, 111437	8.3	6
397	Direct generation of poly(ionic liquids) on mesoporous carbon via DielsAlder and multicomponent reactions for ultrafast adsorptive removal anionic organic dye with high efficiency. *Journal of Environmental Chemical Engineering*, **2021**, 9, 104872	6.8	7
396	Enhancement of interfacial catalysis in a triphase reactor using oxygen nanocarriers. *Nano Research* , **2021**, 14, 172-176	10	6
395	Innentitelbild: Delicate Control on the Shell Structure of Hollow Spheres Enables Tunable Mass Transport in Water Splitting (Angew. Chem. 13/2021). *Angewandte Chemie*, **2021**, 133, 6906-6906	3.6	
394	Delicate Control on the Shell Structure of Hollow Spheres Enables Tunable Mass Transport in Water Splitting. *Angewandte Chemie*, **2021**, 133, 7002-7007	3.6	5

393	Delicate Control on the Shell Structure of Hollow Spheres Enables Tunable Mass Transport in Water Splitting. *Angewandte Chemie - International Edition*, **2021**, 60, 6926-6931	16.4	24
392	Recent Advances on Fabrication of Polymeric Composites Based on Multicomponent Reactions for Bioimaging and Environmental Pollutant Removal. *Macromolecular Rapid Communications*, **2021**, 42, e2000563	4.8	2
391	Simultaneous surface functionalization and drug loading: A novel method for fabrication of cellulose nanocrystals-based pH responsive drug delivery system. *International Journal of Biological Macromolecules*, **2021**, 182, 2066-2075	7.9	7
390	Driving Force of Molecular/Ionic Superfluid Formation. *CCS Chemistry*, **2021**, 3, 1258-1266	7.2	4
389	A facile strategy to fabricate fluorescent polymeric nanoparticles with aggregation-induced emission feature via oxygen-tolerated light-induced living polymerization. *Dyes and Pigments*, **2021**, 192, 109454	4.6	0
388	One-step preparation of green tea ash derived and polymer functionalized carbon quantum dots via the thiol-ene click chemistry. *Inorganic Chemistry Communication*, **2021**, 130, 108743	3.1	1
387	Gamma-ray initiated polymerization from polydopamine-modified MoS2 nanosheets with poly (ionic liquid) and their utilization for adsorptive organic dyes with enhanced efficiency. *Chemical Engineering Journal Advances*, **2021**, 7, 100134	3.6	0
386	Facile synthesis of inorganic-organic hybrid fluorescent nanoparticles with AIE feature using hexachlorocyclotriphosphazene as the bridge. *Journal of Molecular Liquids*, **2021**, 345, 117693	6	0
385	State-of-art review on preparation, surface functionalization and biomedical applications of cellulose nanocrystals-based materials. *International Journal of Biological Macromolecules*, **2021**, 186, 591-615	7.9	4
384	Surface functionalization of MXene with chitosan through in-situ formation of polyimidazoles and its adsorption properties. *Journal of Hazardous Materials*, **2021**, 419, 126220	12.8	12
383	Rapid synthesis of polyimidazole functionalized MXene via microwave-irradiation assisted multi-component reaction and its iodine adsorption performance. *Journal of Hazardous Materials*, **2021**, 420, 126580	12.8	7
382	A feasible molecular engineering for bright □conjugation free radical photosensitizers with aggregation-induced emission. *Dyes and Pigments*, **2021**, 194, 109651	4.6	4
381	An amphiphilic fluorogen with aggregation-induced emission characteristic for highly sensitive and selective detection of Cu2+ in aqueous solution and biological system. *Arabian Journal of Chemistry*, **2021**, 14, 103351	5.9	2
380	A novel method for the functionalization of graphene oxide with polyimidazole for highly efficient adsorptive removal of organic dyes. *Journal of Molecular Liquids*, **2021**, 339, 116794	6	1
379	Construction of ionic liquid functionalized MXene with extremely high adsorption capacity towards iodine via the combination of mussel-inspired chemistry and Michael addition reaction. *Journal of Colloid and Interface Science*, **2021**, 601, 294-304	9.3	5
378	Preparation of intrinsic flexible conductive PEDOT:PSS@ionogel composite film and its application for touch panel. *Chemical Engineering Journal*, **2021**, 425, 131542	14.7	4
377	Self-dispersible fluorescent probe with aggregation-induced emission feature for sequence detection of Fe3+ and Ca2+. *Colloids and Interface Science Communications*, **2021**, 40, 100358	5.4	6
376	A Self-Degradable Conjugated Polymer for Photodynamic Therapy with Reliable Postoperative Safety.. *Advanced Science*, **2021**, e2104101	13.6	7

375	Biomimetic surface functionalization of SiO2 microspheres with catecholamine-containing poly(itaconic acid) for removal of cationic dye. *Surfaces and Interfaces*, **2020**, 21, 100644	4.1	2
374	Biomimetic preparation of MoS2-Fe3O4 MNPs as heterogeneous catalysts for the degradation of methylene blue. *Journal of Environmental Chemical Engineering*, **2020**, 8, 104125	6.8	7
373	Direct surface functionalization of graphene oxide with ionic liquid through gamma ray irradiation induced radical polymerization with remarkable enhanced adsorption capacity. *Journal of Molecular Liquids*, **2020**, 306, 112877	6	10
372	Surface PEGylation of nanodiamond through a facile Michael addition reaction for intracellular drug delivery. *Journal of Drug Delivery Science and Technology*, **2020**, 57, 101644	4.5	24
371	Surface grafting of fluorescent polymers on halloysite nanotubes through metal-free light-induced controlled polymerization: Preparation, characterization and biological imaging. *Materials Science and Engineering C*, **2020**, 111, 110804	8.3	3
370	Direct surface modification of nanodiamonds with ionic copolymers for fast adsorptive removal of copper ions with high efficiency. *Colloids and Interface Science Communications*, **2020**, 37, 100278	5.4	7
369	A novel one-step method for preparation of sulfonate functionalized nanodiamonds and their utilization for ultrafast removal of organic dyes with high efficiency: Kinetic and isotherm studies. *Journal of Environmental Chemical Engineering*, **2020**, 8, 103780	6.8	15
368	Highly efficient removal of iodine ions using MXene-PDA-AgO composites synthesized by mussel-inspired chemistry. *Journal of Colloid and Interface Science*, **2020**, 567, 190-201	9.3	15
367	Red aggregation-induced emission luminogen and Gd codoped mesoporous silica nanoparticles as dual-mode probes for fluorescent and magnetic resonance imaging. *Journal of Colloid and Interface Science*, **2020**, 567, 136-144	9.3	9
366	Increasing the Efficiency of Photocatalytic Reactions via Surface Microenvironment Engineering. *Journal of the American Chemical Society*, **2020**, 142, 2738-2743	16.4	43
365	Surface modification of carbon nanotubes with polyethyleneimine through Mussel inspired chemistry and Mannich reaction for adsorptive removal of copper ions from aqueous solution. *Journal of Environmental Chemical Engineering*, **2020**, 8, 103721	6.8	14
364	Biomimetic modification of silica nanoparticles for highly sensitive and ultrafast detection of DNA and Ag+ ions. *Applied Surface Science*, **2020**, 510, 145421	6.7	4
363	Recent progress and advances in the environmental applications of MXene related materials. *Nanoscale*, **2020**, 12, 3574-3592	7.7	88
362	"Two in one": Simultaneous functionalization and DOX loading for fabrication of nanodiamond-based pH responsive drug delivery system. *Materials Science and Engineering C*, **2020**, 108, 110413	8.3	10
361	Preparation and biological imaging of fluorescent hydroxyapatite nanoparticles with poly(2-ethyl-2-oxazoline) through surface-initiated cationic ring-opening polymerization. *Materials Science and Engineering C*, **2020**, 108, 110424	8.3	4
360	Bioinformation transformation: From ionics to quantum ionics. *Science China Materials*, **2020**, 63, 167-171	7.1	8
359	Carbon nanotubes-based polymer nanocomposites: Bio-mimic preparation and methylene blue adsorption. *Journal of Environmental Chemical Engineering*, **2020**, 8, 103525	6.8	8
358	Click multiwalled carbon nanotubes: A novel method for preparation of carboxyl groups functionalized carbon quantum dots. *Materials Science and Engineering C*, **2020**, 108, 110376	8.3	4

357	Recent development and prospects of surface modification and biomedical applications of MXenes. *Nanoscale*, **2020**, 12, 1325-1338	7.7	85
356	Heteronetwork organohydrogels with exceptional swelling-resistance and adaptive antifouling performance. *Polymer Chemistry*, **2020**, 11, 68-74	4.9	3
355	Preparation of polymer functionalized layered double hydroxide through mussel-inspired chemistry and Kabachnik□Fields reaction for highly efficient adsorption. *Journal of Environmental Chemical Engineering*, **2020**, 8, 103634	6.8	12
354	Preparation of cationic poly(ionic liquids) functionalization of silica nanoparticles via multicomponent condensation reaction with significant enhancement of adsorption capacity. *Journal of Molecular Liquids*, **2020**, 300, 112267	6	11
353	Preparation of fluorescent cellulose nanocrystal polymer composites with thermo-responsiveness through light-induced ATRP. *Cellulose*, **2020**, 27, 743-753	5.5	14
352	Two birds one stone: Facile preparation of AIE-active fluorescent polymeric nanoparticles via self-catalyzed photo-mediated polymerization. *Applied Surface Science*, **2020**, 508, 144799	6.7	6
351	Bioinspired functionalization of MXenes (Ti3C2TX) with amino acids for efficient removal of heavy metal ions. *Applied Surface Science*, **2020**, 504, 144603	6.7	77
350	The combination of Diels-Alder reaction and redox polymerization for preparation of functionalized CNTs for intracellular controlled drug delivery. *Materials Science and Engineering C*, **2020**, 109, 110442	8.3	6
349	Recent progress and development for the fabrication of antibacterial materials through mussel-inspired chemistry. *Journal of Environmental Chemical Engineering*, **2020**, 8, 104383	6.8	4
348	The utilization of multifunctional organic dye with aggregation-induced emission feature to fabricate luminescent mesoporous silica nanoparticles based polymeric composites for controlled drug delivery. *Microporous and Mesoporous Materials*, **2020**, 308, 110520	5.3	12
347	Mussel-inspired fabrication of halloysite nanotube-based magnetic composites as catalysts for highly efficient degradation of organic dyes. *Applied Clay Science*, **2020**, 198, 105835	5.2	4
346	Biomimetic anchoring of Fe3O4 onto Ti3C2 MXene for highly efficient removal of organic dyes by Fenton reaction. *Journal of Environmental Chemical Engineering*, **2020**, 8, 104369	6.8	18
345	Quantum-confined superfluid reactions. *Chemical Science*, **2020**, 11, 10035-10046	9.4	12
344	Facile fabrication of glycosylated and PEGylated carbon nanotubes through the combination of mussel inspired chemistry and surface-initiated ATRP. *Materials Science and Engineering C*, **2020**, 106, 110157	8.3	15
343	Fluorescent copolymers with aggregation-induced emission feature from a novel catalyst-free three-component tandem polymerization. *Dyes and Pigments*, **2020**, 172, 107868	4.6	1
342	Facile preparation of fluorescent nanodiamond based polymer nanoparticles via ring-opening polymerization and their biological imaging. *Materials Science and Engineering C*, **2020**, 106, 110297	8.3	7
341	Advances and perspectives in near-infrared fluorescent organic probes for surgical oncology. *Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology*, **2020**, 12, e1635	9.2	12
340	Fabrication of □cyclodextrin containing AIE-active polymeric composites through formation of dynamic phenylboronic borate and their theranostic applications. *Cellulose*, **2019**, 26, 8829-8841	5.5	7

339	Surface modification of fluorescent Tb-doped layered double hydroxides with hyperbranched polymers through host-guest interaction. *Materials Science and Engineering C*, **2019**, 104, 109976	8.3	3
338	Ultrafast fabrication of fluorescent organic nanoparticles with aggregation-induced emission feature through the microwave-assisted Biginelli reaction. *Dyes and Pigments*, **2019**, 165, 90-96	4.6	10
337	Nanoconfinement: 1D Nanoconfined Ordered-Assembly Reaction (Adv. Mater. Interfaces 8/2019). *Advanced Materials Interfaces*, **2019**, 6, 1970054	4.6	2
336	Small fluorescent albumin nanoparticles for targeted photothermal therapy via albumin-Binding protein pathways. *Colloids and Surfaces B: Biointerfaces*, **2019**, 181, 696-704	6	6
335	Functionalization of carbon nanotubes with chitosan based on MALI multicomponent reaction for Cu removal. *International Journal of Biological Macromolecules*, **2019**, 136, 476-485	7.9	98
334	Amphiphilic fluorescent copolymers via one-pot synthesis of RAFT polymerization and multicomponent Biginelli reaction and their cells imaging applications. *Journal of Materials Research*, **2019**, 34, 3011-3019	2.5	10
333	Ordered-Assembly Conductive Nanowires Array with Tunable Polymeric Structure for Specific Organic Vapor Detection. *Small*, **2019**, 15, e1900590	11	11
332	Quantum-confined superfluid. *Nanoscale Horizons*, **2019**, 4, 1029-1036	10.8	17
331	Introducing the Kabachnik□Fields multicomponent reaction for functionalization of multiwalled carbon nanotubes and their performance for removal of methylene blue. *Journal of the Taiwan Institute of Chemical Engineers*, **2019**, 100, 85-94	5.3	2
330	Facile preparation of magnetic composites based on carbon nanotubes: Utilization for removal of environmental pollutants. *Journal of Colloid and Interface Science*, **2019**, 545, 8-15	9.3	21
329	1D Nanoconfined Ordered-Assembly Reaction. *Advanced Materials Interfaces*, **2019**, 6, 1900104	4.6	12
328	A polymerizable aggregation-induced emission dye for fluorescent nanoparticles: synthesis, molecular structure and application in cell imaging. *Polymer Chemistry*, **2019**, 10, 2162-2169	4.9	13
327	Mussel-inspired preparation of layered double hydroxides based polymer composites for removal of copper ions. *Journal of Colloid and Interface Science*, **2019**, 533, 416-427	9.3	32
326	Detecting topology freezing transition temperature of vitrimers by AIE luminogens. *Nature Communications*, **2019**, 10, 3165	17.4	63
325	Facile fabrication and biological imaging applications of salicylaldehyde based fluorescent organic nanoparticles with aggregation-induced emission and ESIPT feature. *Journal of Molecular Liquids*, **2019**, 292, 111331	6	3
324	Random Organic Nanolaser Arrays for Cryptographic Primitives. *Advanced Materials*, **2019**, 31, e1807880	24	45
323	Facile preparation of luminescent cellulose nanocrystals with aggregation-induced emission feature through Ce(IV) redox polymerization. *Carbohydrate Polymers*, **2019**, 223, 115102	10.3	11
322	The combination of controlled living polymerization and multicomponent reactions to prepare tetraphenylethylene-containing fluorescent block copolymers. *Dyes and Pigments*, **2019**, 171, 107673	4.6	7

321	Biomimetic functionalization of carbon nanotubes with poly(ionic liquids) for highly efficient adsorption of organic dyes. *Journal of Molecular Liquids*, **2019**, 296, 112059	6	15
320	Tunable Ionic Liquid-Water Separation Enabled by Bioinspired Superwetting Porous Gel Membranes. *ACS Applied Materials & Interfaces*, **2019**, 11, 44844-44850	9.5	8
319	Water and mass transport in low-dimensional confined structures. *Wuli Xuebao/Acta Physica Sinica*, **2019**, 68, 018801	0.6	3
318	Direct Surface Functionalization of Cellulose Nanocrystals with Hyperbranched Polymers through the Anionic Polymerization for pH-Responsive Intracellular Drug Delivery. *ACS Sustainable Chemistry and Engineering*, **2019**, 7, 19202-19212	8.3	23
317	A novel AIE-active dye for fluorescent nanoparticles by one-pot combination of Hantzsch reaction and RAFT polymerization: synthesis, molecular structure and application in cell imaging.. *RSC Advances*, **2019**, 9, 32601-32607	3.7	5
316	Fabrication and biological imaging of hydrazine hydrate cross-linked AIE-active fluorescent polymeric nanoparticles. *Materials Science and Engineering C*, **2019**, 94, 310-317	8.3	9
315	A facile surface modification strategy for fabrication of fluorescent silica nanoparticles with the aggregation-induced emission dye through surface-initiated cationic ring opening polymerization. *Materials Science and Engineering C*, **2019**, 94, 270-278	8.3	77
314	Water-dispersible fluorescent nanodiamonds for biological imaging prepared by thiol-ene click chemistry. *Journal of the Taiwan Institute of Chemical Engineers*, **2019**, 95, 481-486	5.3	7
313	Facile fabrication of cross-linked fluorescent organic nanoparticles with aggregation-induced emission characteristic via the thiol-ene click reaction and their potential for biological imaging. *Materials Science and Engineering C*, **2019**, 98, 293-299	8.3	3
312	Quantum-confined ion superfluid in nerve signal transmission. *Nano Research*, **2019**, 12, 1219-1221	10	26
311	Recent advances and progress of fluorescent bio-/chemosensors based on aggregation-induced emission molecules. *Dyes and Pigments*, **2019**, 162, 611-623	4.6	128
310	Wettability and Applications of Nanochannels. *Advanced Materials*, **2019**, 31, e1804508	24	79
309	Preparation of PEGylated and biodegradable fluorescent organic nanoparticles with aggregation-induced emission characteristics through direct ring-opening polymerization. *Journal of the Taiwan Institute of Chemical Engineers*, **2019**, 95, 234-240	5.3	8
308	A novel light-induced ATRP for the preparation of water dispersible fluorescent nanodiamonds and their biological imaging applications. *Ceramics International*, **2018**, 44, 9907-9914	5.1	6
307	AIE-based superwettable microchips for evaporation and aggregation induced fluorescence enhancement biosensing. *Biosensors and Bioelectronics*, **2018**, 111, 124-130	11.8	49
306	Facile fabrication of organic dyed polymer nanoparticles with aggregation-induced emission using an ultrasound-assisted multicomponent reaction and their biological imaging. *Journal of Colloid and Interface Science*, **2018**, 519, 137-144	9.3	58
305	A Novel method for the preparation of fluorescent C poly(amino acid) composites and their biological imaging. *Journal of Colloid and Interface Science*, **2018**, 516, 392-397	9.3	8
304	Ultrafast construction and biological imaging applications of AIE-active sodium alginate-based fluorescent polymeric nanoparticles through a one-pot microwave-assisted Dβner reaction. *Dyes and Pigments*, **2018**, 153, 99-105	4.6	32

303	Facile fabrication of biodegradable lanthanide ions containing fluorescent polymeric nanoparticles: Characterization, optical properties and biological imaging. *Materials Chemistry and Physics*, **2018**, 207, 226-232	4.4	5
302	Facile preparation of fluorescent nanodiamond-based polymer composites through a metal-free photo-initiated RAFT process and their cellular imaging. *Chemical Engineering Journal*, **2018**, 337, 82-90	14.7	92
301	One-step fabrication of PEGylated fluorescent nanodiamonds through the thiol-ene click reaction and their potential for biological imaging. *Applied Surface Science*, **2018**, 439, 1143-1151	6.7	27
300	Facile preparation of fluorescent layered double hydroxide polymeric composites through the photo-induced surface-initiated controlled living polymerization. *Applied Surface Science*, **2018**, 439, 254-262	6.7	6
299	Facile preparation of Eu3+ and F□co-doped luminescent hydroxyapatite polymer composites via the photo-RAFT polymerization. *Journal of the Taiwan Institute of Chemical Engineers*, **2018**, 83, 184-191	5.3	9
298	Fabrication of AIE-active fluorescent polymeric nanoparticles with red emission through a facile catalyst-free amino-yne click polymerization. *Dyes and Pigments*, **2018**, 151, 123-129	4.6	19
297	Facile construction of luminescent supramolecular assemblies with aggregation-induced emission feature through supramolecular polymerization and their biological imaging. *Materials Science and Engineering C*, **2018**, 85, 233-238	8.3	12
296	Quantum-confined superfluid: From nature to artificial. *Science China Materials*, **2018**, 61, 1027-1032	7.1	41
295	Fabrication and characterization of hyperbranched polyglycerol modified carbon nanotubes through the host-guest interactions. *Materials Science and Engineering C*, **2018**, 91, 458-465	8.3	9
294	One-step synthesis of europium complexes containing polyamino acids through ring-opening polymerization and their potential for biological imaging applications. *Talanta*, **2018**, 188, 1-6	6.2	12
293	Facile preparation of thermoresponsive fluorescent silica nanopaprticles based composites through the oxygen tolerance light-induced RAFT polymerization. *Journal of Molecular Liquids*, **2018**, 259, 179-185	6	12
292	Facile fabrication of carboxyl groups modified fluorescent C 60 through a one-step thiol-ene click reaction and their potential applications for biological imaging and intracellular drug delivery. *Journal of the Taiwan Institute of Chemical Engineers*, **2018**, 86, 192-198	5.3	12
291	Facile construction and biological imaging of cross-linked fluorescent organic nanoparticles with aggregation-induced emission feature through a catalyst-free azide-alkyne click reaction. *Dyes and Pigments*, **2018**, 148, 52-60	4.6	92
290	Synthesis of fluorescent dendrimers with aggregation-induced emission features through a one-pot multi-component reaction and their utilization for biological imaging. *Journal of Colloid and Interface Science*, **2018**, 509, 327-333	9.3	9
289	AIE-active self-assemblies from a catalyst-free thiol-yne click reaction and their utilization for biological imaging. *Materials Science and Engineering C*, **2018**, 92, 61-68	8.3	12
288	Ionogel/Copper Grid Composites for High-Performance, Ultra-Stable Flexible Transparent Electrodes. *ACS Applied Materials & Interfaces*, **2018**, 10, 29010-29018	9.5	20
287	A one-step ultrasonic irradiation assisted strategy for the preparation of polymer-functionalized carbon quantum dots and their biological imaging. *Journal of Colloid and Interface Science*, **2018**, 532, 767-773	9.3	36
286	A novel strategy for fabrication of fluorescent hydroxyapatite based polymer composites through the combination of surface ligand exchange and self-catalyzed ATRP. *Materials Science and Engineering C*, **2018**, 92, 518-525	8.3	7

285	Synthesis of Starch-Based Amphiphilic Fluorescent Nanoparticles and Their Application in Biological Imaging. *Journal of Nanoscience and Nanotechnology*, **2018**, 18, 2345-2351	1.3	3
284	Preparation of zwitterionic polymers functionalized fluorescent mesoporous silica nanoparticles through photoinduced surface initiated RAFT polymerization in the presence of oxygen. *Journal of the Taiwan Institute of Chemical Engineers*, **2018**, 91, 570-577	5.3	8
283	A novel thiol-ene click reaction for preparation of graphene quantum dots and their potential for fluorescence imaging. *Materials Science and Engineering C*, **2018**, 91, 631-637	8.3	9
282	One-pot ultrafast preparation of silica quantum dots and their utilization for fabrication of luminescent mesoporous silica nanoparticles. *Materials Science and Engineering C*, **2018**, 93, 679-685	8.3	5
281	Surface PEGylation and biological imaging of fluorescent Tb-doped layered double hydroxides through the photoinduced RAFT polymerization. *Journal of Colloid and Interface Science*, **2018**, 532, 641-649	8.3	9
280	Surface grafting of rare-earth ions doped hydroxyapatite nanorods (HAp:Ln(Eu/Tb)) with hydrophilic copolymers based on ligand exchange reaction: Biological imaging and cancer treatment. *Materials Science and Engineering C*, **2018**, 91, 556-563	8.3	8
279	Room temperature preparation of fluorescent starch nanoparticles from starch-dopamine conjugates and their biological applications. *Materials Science and Engineering C*, **2018**, 82, 204-209	8.3	20
278	Surface modification and drug delivery applications of MoS2 nanosheets with polymers through the combination of mussel inspired chemistry and SET-LRP. *Journal of the Taiwan Institute of Chemical Engineers*, **2018**, 82, 205-213	5.3	105
277	Ultrafast microwave-assisted multicomponent tandem polymerization for rapid fabrication of AIE-active fluorescent polymeric nanoparticles and their potential utilization for biological imaging. *Materials Science and Engineering C*, **2018**, 83, 115-120	8.3	19
276	Self-catalyzed photo-initiated RAFT polymerization for fabrication of fluorescent polymeric nanoparticles with aggregation-induced emission feature. *Materials Science and Engineering C*, **2018**, 83, 154-159	8.3	16
275	Facile preparation of water soluble and biocompatible fluorescent organic nanoparticles through the combination of RAFT polymerization and self-polymerization of dopamine. *Journal of Molecular Liquids*, **2018**, 250, 446-450	6	4
274	Bottom-up preparation of nitrogen doped carbon quantum dots with green emission under microwave-assisted hydrothermal treatment and their biological imaging. *Materials Science and Engineering C*, **2018**, 84, 60-66	8.3	47
273	A facile FeBr3 based photoATRP for surface modification of mesoporous silica nanoparticles for controlled delivery cisplatin. *Applied Surface Science*, **2018**, 434, 204-210	6.7	25
272	Facile modification of nanodiamonds with hyperbranched polymers based on supramolecular chemistry and their potential for drug delivery. *Journal of Colloid and Interface Science*, **2018**, 513, 198-204	8.3	76
271	A novel self-catalyzed photoATRP strategy for preparation of fluorescent hydroxyapatite nanoparticles and their biological imaging. *Applied Surface Science*, **2018**, 434, 1129-1136	6.7	6
270	Microwave-assisted multicomponent tandem polymerization for rapid preparation of biodegradable fluorescent organic nanoparticles with aggregation-induced emission feature and their biological imaging applications. *Dyes and Pigments*, **2018**, 149, 581-587	4.6	24
269	Highly-sensitive optical organic vapor sensor through polymeric swelling induced variation of fluorescent intensity. *Nature Communications*, **2018**, 9, 3799	17.4	58
268	Synthesis and biological imaging of fluorescent polymeric nanoparticles with AIE feature via the combination of RAFT polymerization and post-polymerization modification. *Dyes and Pigments*, **2018**, 158, 79-87	4.6	23

267	Synthesis and biological imaging of cross-linked fluorescent polymeric nanoparticles with aggregation-induced emission characteristics based on the combination of RAFT polymerization and the Biginelli reaction. *Journal of Colloid and Interface Science*, **2018**, 528, 192-199	9.3	19
266	Facile fabrication of luminescent hyaluronic acid with aggregation-induced emission through formation of dynamic bonds and their theranostic applications. *Materials Science and Engineering C*, **2018**, 91, 201-207	8.3	54
265	Recent Advances and Progress on Melanin-like Materials and Their Biomedical Applications. *Biomacromolecules*, **2018**, 19, 1858-1868	6.9	168
264	New Method to Determine the Effect of Surface PEGylation on Cellular Uptake Efficiency of Mesoporous Silica Nanoparticles with AIEgens. *Macromolecular Chemistry and Physics*, **2018**, 219, 1800034	2.6	4
263	Preparation of water dispersible and biocompatible nanodiamond-poly(amino acid) composites through the ring-opening polymerization. *Materials Science and Engineering C*, **2018**, 91, 496-501	8.3	11
262	Surface polyPEGylation of Eu3+ doped luminescent hydroxyapatite nanorods through the combination of ligand exchange and metal free surface initiated atom transfer radical polymerization. *Applied Surface Science*, **2017**, 399, 499-505	6.7	28
261	Biocompatible fluorescent polymers from PEGylation of an aggregation-induced emission dye. *Dyes and Pigments*, **2017**, 139, 672-680	4.6	15
260	Synthesis, surface modification and biological imaging of aggregation-induced emission (AIE) dye doped silica nanoparticles. *Applied Surface Science*, **2017**, 403, 396-402	6.7	16
259	Facile Fabrication of AIE-Active Fluorescent Polymeric Nanoparticles with Ultra-Low Critical Micelle Concentration Based on Ce(IV) Redox Polymerization for Biological Imaging Applications. *Macromolecular Rapid Communications*, **2017**, 38, 1600752	4.8	16
258	Recent Advances and Future Prospects of Aggregation-induced Emission Carbohydrate Polymers. *Macromolecular Rapid Communications*, **2017**, 38, 1600575	4.8	19
257	A smart surface with switchable wettability by an ionic liquid. *Nanoscale*, **2017**, 9, 5822-5827	7.7	21
256	A powerful one-pot tool for fabrication of AIE-active luminescent organic nanoparticles through the combination of RAFT polymerization and multicomponent reactions. *Materials Chemistry Frontiers*, **2017**, 1, 1051-1058	7.8	37
255	Facile synthesis of polymeric fluorescent organic nanoparticles based on the self-polymerization of dopamine for biological imaging. *Materials Science and Engineering C*, **2017**, 77, 972-977	8.3	139
254	Construction of biodegradable and biocompatible AIE-active fluorescent polymeric nanoparticles by Ce(IV)/HNO redox polymerization in aqueous solution. *Materials Science and Engineering C*, **2017**, 78, 191-197	8.3	28
253	Direct encapsulation of AIE-active dye with cyclodextrin terminated polymers: Self-assembly and biological imaging. *Materials Science and Engineering C*, **2017**, 78, 862-867	8.3	97
252	Facile preparation of MoS2 based polymer composites via mussel inspired chemistry and their high efficiency for removal of organic dyes. *Applied Surface Science*, **2017**, 419, 35-44	6.7	190
251	Surface grafting of zwitterionic polymers onto dye doped AIE-active luminescent silica nanoparticles through surface-initiated ATRP for biological imaging applications. *Applied Surface Science*, **2017**, 419, 188-196	6.7	27
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